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FILE: ED178B  
Destructive Systems  
8 March 1960 File

OUTLINE FOR R&D PRESENTATION

9 March 1960

Joe ZH

- I. Review of Trip to [redacted] 25X1
- A. Photographs
- II. Review of Trip to [redacted] 25X1
- A. Photographs
- III. Outline of Problem on Auxiliary Power for Air-Fed Incinerators and Motor-Blowers
- IV. Outline of Development of Strong Boxes
- A. An immediate need exists for "strong boxes" in transporting operational documents via horseback. These boxes are to have the features listed below:
1. Size: Approximately 30"x16"x10"
  2. Construction: Metal or fiber with hinged lid and built-in lock. Light in weight.
  3. Special Feature: Each box is to have a hidden, built-in destruction device which can be activated quickly and will destroy the contents of the box.
- B. These "strong boxes" will be used by agents traveling in denied areas via horseback and carrying operational materials, such<sup>as</sup> sensitive records or documents. In view of the methods of transportation used, the boxes must be<sup>of</sup> sturdy construction and light weight. The destruction device must be simple, not subject to damage through rough handling and absolutely foolproof against accidental

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V. Outline of Problem for Equipment Destruction

- A. A special requirement exists for the emergency destruction of certain portions of crypto devices--rotors and printed circuit "cards". An ideal container would be one in which these items could be placed, and the lid closed, /destruction activated externally and irrevocably in as short a time as possible. All of this is to be accomplished without hazard to the individual or the room in which the container is used.
- B. Two types of containers are desired. One to hold only rotors in the numbers of either 10 or 20 and the other of suitable size to hold 8 or 12 printed circuit cards. The destruction device need not necessarily be in the form of a self contained box, but it should be safe for the user, preferably non-destructive to the furnishings of the room to which it might be used, and, most importantly, it should have the feature built-in to insure that once it is activated, a third party cannot prevent complete destruction of the cryptographic devices.

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